

## **Historic, archived document**

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Kan-11-61. CCC Camp men from Camp SES-K-2 hauling water from community well to relieve drought situation.

(Colored)  
Slide C-31



11-63 - Mankato, Kansas.  
EROSION -

Erosion in lister furrows on short slope showing deposit on low ground.  
Charles McGinnis Farm. June, 1934.



11-118 - Mankato, Kansas.  
EROSION CONTROL - Contour Listing.

Row crop planted on contour omitting terrace ridges.  
G. L. Vandeventer farm.



11-218 - Mankato, Kansas  
EROSION CONTROL - Terraces

Terraces - contour listed parallel with terraces. Earl Cole  
farm. December 19, 1934



11-271. Kansas.  
EROSION - Wind.

Effect of soil blowing. W. R. Mitchell farm.  
Sec 1 - 4 - 9.  
January 24, 1935.



11-325 - Mankato, Kansas.  
EROSION CONTROL - Wind Erosion.

Lister furrowing at intervals of one or two rods will do much to  
reduce wind erosion.



Kan-11-383. Pasture contoured with experimental contouring machine. Ira White farm.

(Colored)  
Slide C-87



11-406

11-406 - Mankato, Kansas.  
EROSION - Flood.

Picture near Republican River at Superior, Nebraska.  
The house in the distance was washed one half mile from its  
original location. In the foreground you can see a hay  
stacking machine. This land has been covered to a consider-  
able depth with fine sand.

photo  
of date of this photo  
Probably 1935



11-407

11-407 - Mankato, Kansas.  
EROSION - Flood.

On state highway 14 near Superior Nebraska, showing the damage caused by recent floods. This house was moved  $\frac{1}{4}$  mi. The farm land had been listed and put into crops and the old lister marks may be seen in the foreground. Many large holes 4 to 6 ft. in depth were formed similar to the one in the immediate foreground.

Enlargement #10



11-412

11-412 - Mankato, Kansas  
EROSION - Silt

Land one half mile south of Highway US 36 on Ionia Road. This shows a large silt deposit in the draw caused by the wash of the soil down the slopes which have been farmed up and down hill.  
July 3, 1935



11-432 - Mankato, Kansas  
EROSION - Sheet

Break in terrace due to disking up and down the slope and over  
the ridge. George Lawrence farm. May 1935



11-460 - Mankato, Kansas  
EROSION CONTROL - Contour furrows.

Showing lister furrows filled with water morning after a two-inch rain. Glen Kindler farm.

(colored)  
Slide A-5"



11-509 - Mankato, Kansas  
EROSION - Silt

1935

Silt deposit left on a Kansas farm after a recent flood. Depth of debris can be measured by comparison with wheels of farm machinery. Note pile of debris near windows, where shovelled from house.



11-510 - Mankato, Kansas.  
EROSION - Flood.

Farm house south of the Republican river at Guide Rock,  
Nebraska. Enrollees from ECW camp 1778. Lebanon, Kansas,  
doing emergency reconstruction work in flow area.

Enlargement #8



11-512 - Mankato, Kansas  
EROSION - Sheet

Eight percent slope just west of highway 28 north of Burr Oak, Kansas. Erosion was caused by disking operations up and down the slope.



11-516

11-516 - Mankato, Kansas.  
EROSION CONTROL - Contour Furrows.

Pasture contoured, using grass stripper. Gertrude Seimon  
farm.



11-522 - Mankato, Kansas  
EROSION CONTROL - Terraces

Contour farming with terraces, also showing field boundary lines. Note water in lister ditches and terrace channels.  
Lief Christensen farm.



11-523

11-523 - Mankato, Kansas.  
EROSION CONTROL - Contour Listing and Farming.

Contour boundary line between small grain and listed corn.  
Sylvia Rose farm.  $W\frac{1}{2} NW\frac{1}{4}$  Sec 8-5-9.

Slide C-13



11-537 - Mankato, Kansas  
EROSION - Sheet

Sheet erosion on field disked up and down the slope. Near Guide Rock, Nebraska.

Enlargement #9



11-542 - Mankato, Kansas  
EROSION - Sheet

Sheet erosion. Land disked up and down the slope.

(Colored)  
Slide A-69a



11-548 - Mankato, Kansas  
EROSION CONTROL - Terraces

Terracing on Bailey farm. November 14, 1934.



11-599 - Mankato, Kansas  
MACHINERY - Contour

Two way pasture contour furrowing machine delivering the sod strip to the left side of the picture.

Enlargement # 80



11-600

Kan-11-600. Increased growth of grass due to contour furrowing of pasture. Ira L. White farm.

(Colored)  
Slide C - 88



15742 - Kansas

Soil washed from uplands of locality - northern Doniphan Co.  
near Lookout Mt. to bury trunks of apple orchard. The apple  
trees have not suffered very much, but the slopes above have.  
H. H. Bennett - 1927.

Enlargement #168  
Composite With Kans-916



Kan-915

Edwards County

9-1-39

Irrigation well set-up as developed by cooperator, L. T. Miller of Kingsley, Kansas, with technical assistance furnished by SCS Water Facilities. Tractor, 40 HP, pumping 8-inch discharge; well is 25-inch gravel pack casing; 49-foot hole with 40-foot gravel; water level is 9 feet. Total investment involved \$450.00 for well and pump. 60-acre irrigation field lies to right of photograph. Other acreage will total about 108. Typical irrigation well developed in this area.

Enlargement #168  
Composite With Kans-915



Kan-916

Edwards County

9-1-39

Irrigation well set-up as developed by cooperator, L. T. Miller of Kingsley, Kansas, with technical assistance furnished by SCS Water Facilities. Tractor, 40 HP, pumping 8-inch discharge; well is 25-inch gravel pack casing; 49-foot hole with 40-foot gravel; water level is 9 feet. Total investment involved \$450.00 for well and pump. 60-acre irrigation field lies to right of photograph. Other acreage will total about 108. Typical irrigation well developed in this area.

Enlargement #7



Kan 5094 Kansas, Mankato project. May 28 1930

Very badly eroded hill side with spots of light colored subsoil on all the steeper grades. A limestone zone lies quite close to the surface at this point. This field is farmed up and down the slopes in straight rows as is apparent from the lister rows shown in the picture.

(colored)  
Slide D-38



Kan 5155 - Kansas, Ottawa County. July 16 1936

Destructive burning of wheat stubble. This farmer said that he was burning the stubble for two reasons. One that the stubble was too thick for him to plow the field. Another that the fire would kill a great many grasshoppers. The yield of wheat from this field this year was from 20 to 25 bu. per acre.

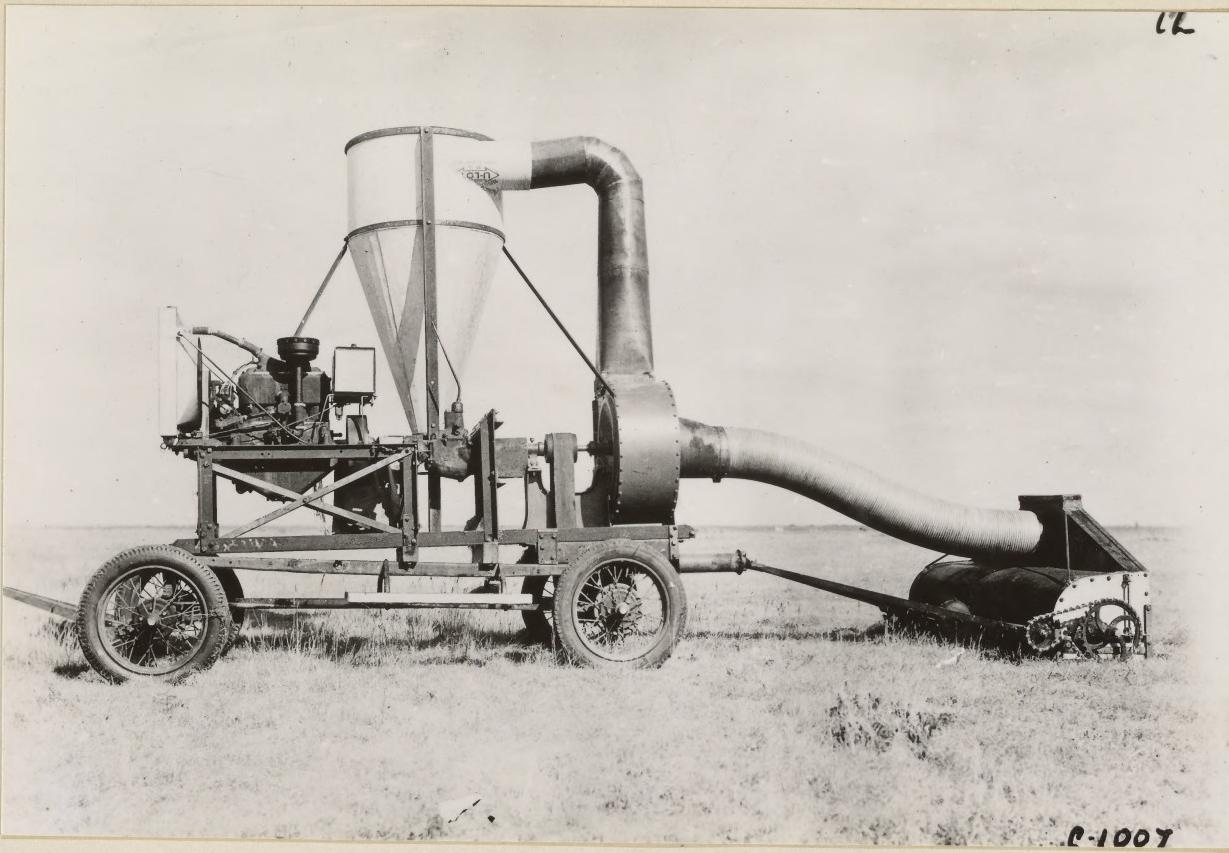
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Slide D - 39

Enlargement #64  
See also Enlargement #260  
Kan-5156 on one side  
WN-10017 on other



Kan-5156. Ottawa county. July 16, 1936. Destructive burning of wheat stubble. The farmer said that the stubble was so thick that he didn't think that he would be able to plow the field. He also considered that the burning would kill a large number of grasshoppers. The yield of this field this year was between 20 to 25 bushels per acre.

(Colored)  
Slide C-78



C-1007 - Kansas.  
MACHINERY.

Buffalo seed harvesting machine constructed at Hays, Kansas, in cooperation with the Ft. Hays Experiment Station. The nozzler has enclosed a large brush with flexible fibres approximately 5" long. This machine was not efficient because of too many square inches of open space in the nozzle.



C-1009 - Kansas.  
GRASSES.

Buffalo grass sod clipped  $1\frac{1}{2}$  inches in height.

Enlargement II 70



C-6052. Kansas. January 1937. Basin listing holding water.

(Colored)  
Slide D-2

Enlargement #71



C-6058. Kansas. January 23, 1937. Listing east and west. Note melted snow on south side of ridge, and snow on north side. Excellent condition to leave soil in for winter.

(Colored)

Slide C-92